

ABSTRACT

A novel simplified system for protecting a crawlspace against the entry of sub-soil water vapor and external ground water from the crawlspace walls and floor and for completely isolating the crawlspace from water vapor from the ground. The present system comprises applying over the floor of the crawlspace, generally a dirt floor but sometimes a poured concrete floor, a continuous durable embossed plastic drainage panel, and extending the drainage panel vertically-upwardly to cover and seal the interior peripheral foundation walls enclosing the crawlspace to an elevation at least slightly greater than the elevation of the ground in contact with the exterior surfaces of the peripheral walls and preferably to the tops of the peripheral walls. This encapsulates the dirt surface of the entire crawlspace against the penetration of external ground water or floor water and also sub-soil water and water vapor and provides a water drainage space beneath the drainage panel for the escape of water and vapor therefrom.